

## Product datasheet for **RC207966L3V**

### **p75 NGF Receptor (NGFR) (NM\_002507) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | p75 NGF Receptor (NGFR) (NM_002507) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | p75 NGF Receptor   |
| Synonyms:                 | CD271; Gp80-LNGFR; p75(NTR); p75NTR; TNFRSF16  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_002507  |
| ORF Size:                 | 1281 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC207966).   |
| OTI Disclaimer:           | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a> |
| OTI Annotation:           | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.   |
| RefSeq:                   | <a href="#">NM_002507.1</a>  |
| RefSeq Size:              | 3420 bp  |
| RefSeq ORF:               | 1284 bp  |
| Locus ID:                 | 4804   |
| UniProt ID:               | <a href="#">P08138</a>   |
| Cytogenetics:             | 17q21.33   |
| Protein Families:         | Druggable Genome, Transmembrane  |
| Protein Pathways:         | Cytokine-cytokine receptor interaction, Neurotrophin signaling pathway   |



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**MW:** 45.2 kDa

**Gene Summary:** Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain. [provided by RefSeq, Jul 2008]